

CLAIM (S):

The embodiments of the invention for which an exclusive property or privilege is claimed, are defined as follows:

9. An additional tank to eliminate air into the pipes of a geothermal system, said tank comprising:

a fluid entrance located in middle of the tank is connected by a tee to a connecting pipe of each side and to a shutoff valve connected to a purging and filling valve joined to an adapter that is connected to a pipe of the geothermal system; and

a fluid exit located in bottom of the tank is connected to a elbow connected to an optional pump joined to a connecting piece that is connected to a shutoff valve and to an adapter joined to a pipe of the geothermal system.

10. The additional tank of claim 1 further comprising a pipe having an upper transparent portion that is connected by a tee to each end of said tank for visualizing in all time the state of the system; and

each valve connected to said pipe are used for adding fluid or eliminating air.

11. The additional tank of claim 1 is also mounted to the geothermal system

without use the optional pump enabling to do again circulate the fluid coming from said tank inside the pipes of the geothermal system.